

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

ASA-101

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

09/623008

INTERNATIONAL APPLICATION NO.

PCT/IB99/01651

INTERNATIONAL FILING DATE

08 October 1999

PRIORITY DATE CLAIMED

20 November 1998

TITLE OF INVENTION

METHOD OF TREATMENT OF GOODS WITH CARBON DIOXIDE AND NITROGEN

APPLICANT(S) FOR DO/EO/US

Carlos Ernesto KOSTER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND OR SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
 4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
 8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (executed, attached to a copy of the International Application)
 10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
 14. ☒ A substitute specification. (attached to a red-ink marked-up version of the English language translation)
 15. ☐ A change of power of attorney and/or address letter.
 16. ☒ Other items or information:
 - Form PCT/IB/301
 - Form PCT/IB/308
 - Form PCT/ISA/210 (English language version, 3 pages)
 - Transmittal of Substitute Specification
 - Executed Petition To Revive An Application For Patent Abandoned Unintentionally Under 37 C.F.R. 1.137(b) together with a check in the amount of \$605.00 in payment of the Petition fee
 - Executed Authorization Of Attorney(s) To Accept And Follow Instructions From Representative
 - Certificate of Mailing by Express Mail (2 pages)
 - Executed Claim for Small Entity Status document
 - Return Receipt Postcard

EXPRESS MAIL NO.: EL631370381US

MAILED: 24 August 2000

U.S. APPLICATION NO. (if known, see 37 CFR 1.51) 09/623008		INTERNATIONAL APPLICATION NO. PCT/IB99/01651		ATTORNEY'S DOCKET NUMBER A1001					
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$ 840.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$ 670.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$ 690.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$ 970.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 96.00				CALCULATIONS		PTO USE ONLY			
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 840.00					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims	5* - 20 =		X \$18.00						
Independent claims	1* - 03 =		X \$78.00						
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00						
TOTAL OF ABOVE CALCULATIONS =				\$ 840.00					
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$ 420.00					
SUBTOTAL =				\$ 420.00					
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+					
TOTAL NATIONAL FEE =				\$ 420.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+					
TOTAL FEES ENCLOSED =				\$ 420.00					
* Based upon entry of the First Preliminary Amendment.				Amount to be:		\$			
				refunded		\$			
				charged		\$			

- a. ☒ A check in the amount of \$ 420.00 to cover the above fee is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3550. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Pauley Petersen Kinne & Fejer
2800 West Higgins Road, Suite 365
Hoffman Estates, Illinois 60195
(847) 490-1400
Fax: (847) 490-1403

SIGNATURE

Mark E. Fejer

NAME

34,817

REGISTRATION NUMBER

533 Rec'd PCT/PTO 24 AUG 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Carlos Ernesto KOSTER

Title: METHOD OF TREATMENT OF GOODS
WITH CARBON DIOXIDE AND NITROGEN

Based Upon: PCT/IB99/01651

Express Mail No.: EL631370381US

Date of Deposit: 24 August 2000

TRANSMITTAL OF SUBSTITUTE SPECIFICATION

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

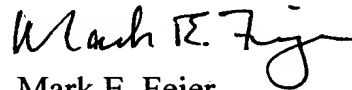
Applicant has enclosed a Substitute Specification attached to a red ink marked-up copy of the verified English language translation of PCT International Application PCT/IB99/01651. The red ink identifies changes to the verified English language translation which are incorporated in the Substitute Specification.

The Substitute Specification includes general revisions to correct idiomatic translational errors and to provide proper headings. The undersigned states that the Substitute Specification contains no new matter.

Based Upon: PCT/IB99/01651

Applicant sincerely believes that this patent application is now in condition for prosecution before the U.S. Patent and Trademark Office.

Respectfully submitted,



Mark E. Fejer
Regis. No. 34,817

Pauley Petersen Kinne & Fejer
2800 West Higgins Road
Suite 365
Hoffman Estates, Illinois 60195
(847) 490-1400
FAX (847) 490-1403

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Carlos Ernesto KOSTER
Title: METHOD OF TREATMENT OF GOODS
WITH CARBON DIOXIDE AND NITROGEN
Based Upon: PCT/IB99/01651
Express Mail No.: EL631370381US
Date of Deposit: 24 August 2000

CERTIFICATE OF MAILING BY EXPRESS MAIL

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that the following requisites of the subject patent application are being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EL631370381US, on 24 August 2000, and is addressed to Box PCT, Assistant Commissioner for Patents, Washington, D.C. 20231, together with the items listed below.

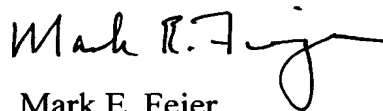
- Transmittal Letter (Form PTO-1390), in duplicate
 - Executed Spanish Language Declaration, attached to a Spanish language copy of the International Application
 - English language translation of the International Application
 - First Preliminary Amendment
- Transmittal of Substitute Specification

Based Upon: PCT/IB99/01651

Substitute Specification attached to red ink marked-up copy of
the English language translation

- Executed Petition To Revive An Application For Patent
Abandoned Unintentionally Under 37 C.F.R. 1.137(b) together
with a check in the amount of \$605.00 in payment of the Petition
fee
- Executed Authorization Of Attorney(s) To Accept And Follow
Instructions From Representative
- Form PCT/IB/301
- Form PCT/IB/308
- English language copy of the International Search Report, Form
PCT/ISA/210 - 3 pages
- Executed Claim for Small Entity Status document
- A check in the amount of \$420.00 to cover the fees set forth in
the Transmittal Letter
- Return Receipt Postcard

Respectfully submitted,



Mark E. Fejer
Regis. No. 34,817

Pauley Petersen Kinne & Fejer
2800 West Higgins Road, Suite 365
Hoffman Estates, Illinois 60195
(847) 490-1400 FAX (847) 490-1403